

TRANSMITTAL LETTER TO THE UNITED STATES ELECTED OFFICE (EO/US)

International Application No.	International Filing Date	Priority Date Claimed
PCT/US90/02488	04 May 1990	05 May 1989
Title of Invention		
GLYCOPROTEIN HORMONE RECEPTOR		
Applicant(s) for DO/US		
Karoly N. NIKOLICS, Keith C. McFARLAND, Peter H. SEEBURG, Deborah L. SEGALOFF		

Box PCT
Commissioner of Patent and Trademarks
Washington, D.C. 20231
ATTENTION: EO/US

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date 31 October 1991 in an envelope as "Express Mail Post Office to Addressee" mailing Label Number AB115762768 addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Carol Koehler
(Name of person mailing paper)

Carol Koehler
(Signature of person mailing paper)

- I. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. 371:
 1. X This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
 2. The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

2. Fees

Claims Fee	(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Calculations
	Total Claims	59 -20 =	39	x \$ 12.00 =	\$ 468
	Independent Claims	6 - 3 =	3	x \$ 36.00 =	108
	Multiple Dependent Claim(s) (if applicable)			+ \$ 120.00 =	
Basic Fee	U.S. PTO WAS INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY				
	Where an International preliminary examination fee as set for in § 1.482 has been paid on the international application to the U.S. PTO:				
	— and the international preliminary examination report states that the criteria of novelty, inventive step (non-obviousness) and industrial activity, as defined in PCT Article 33(1) to (4) have been satisfied for all the claims presented in the application entering the national state (37 CFR 1.492(a)(4)) \$ 50.00				
	— and the above requirements are not met (37 CFR 1.492(a)(1)) \$330.00				
	X U.S. PTO WAS NOT INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY				
	Where no international preliminary examination fee as set forth in § 1.482 has been paid to the U.S. PTO, and payment of an international search fee as set forth in §1.445(a)(2) to the U.S. PTO:				
	— has been paid (37 CFR 1.492(2)) \$ 370.00				
	<u>X</u> has not been paid (37 CFR 1.492(3)) \$ 500.00				500
Other Fees	Surcharge of \$120.00 for furnishing the National fee and/or oath or declaration later than 30 months (but no later than 32 months) from any claimed priority date (37 CFR 1.492(e) and 37 CFR 1.494(i)).				+
	Total of above Calculations			=	1,076
Small Entity	Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (note 37 CFR 1.9, 1.27, 1.28)				-
	Subtotal				1,076
	Processing fee of \$30.00 for furnishing the English Translation later than 30 months (but not later than 32 months) from any claimed priority date 37 CFR 1.492(f) and 37 CFR 1.494(c)).				+
	Total National Fee			\$	1,076
	Fee for recording the enclosed assignment document \$8.00 (37 CFR 1.21(h)).				+
Total					
	Total Fees Enclosed			\$	1,076

* See attached Preliminary Amendment Reducing the Number of Claims.

i. A check in the amount of _____ to cover the fees is enclosed.

ii. X Please charge Account No. 07-0630 in the amount of \$1,076.00. *A duplicate of this sheet is enclosed*

3. X A copy of the International application as filed [35 U.S.C. 371(c)(2)]:

a. is transmitted herewith.

b. X is not required as the application was filed with the United States Receiving Office.

c. has been transmitted

i. by the International Bureau. Date of mailing of the application (from form PCT/1B/308): _____.

ii. by applicant on (date) _____.

4. A translation of the International application into the English language [35 U.S.C. 371(c)(2)]:

- a. is transmitted herewith.
- b. is not required as the application was filed in English.
- c. was previously transmitted by applicant on (date) _____.
- d. will follow (within 32 months of earliest priority date)

5. Amendments to the claims of the International application under PCT Article 19 [35 U.S.C. 371(c)(3)]:

- a. is transmitted herewith.
- b. have been transmitted
 - i. by the International Bureau. Date of mailing of the application (from form PCT/1B/308): _____.
 - ii. by applicant on (date) _____.
- c. have not been transmitted as
 - i. applicant chose not to make amendments under PCT Article 19. Date of mailing of Search Report (from form PCT/ISA/210.): 29 November 1990.
 - ii. the time limit for the submission of amendment has not yet expired. The amendments or a statement that amendments have not been made and will be transmitted before the expiration of the time limited under PCT Rule 46.1

6. A translation of the amendment to the claims under PT Article 19 [38 U.S.C. 371(c)(3)]:

- a. is transmitted herewith.
- b. is not required as the amendment were made in the English language.
- c. has not been transmitted for reasons indicated at point 5c above.

7. A copy of the international examination report (PCT/IPEA/409)

- is transmitted herewith
- is not required as the application was filed with the United States Receiving Office

8. Annex(es) to the international preliminary examination report

- a. is/are transmitted herewith
- b. is/are not required as the application was filed with the United States Receiving Office

9. A translation of the annexes to the international preliminary examination report

- a. is transmitted herewith
- b. is not required as the annexes are in the English language

10. An oath or declaration of the inventor [35 U.S.C. 371 (c)(4)] complying with 25 U.S.X. 115

- a. was previously submitted by applicant on (date) _____.
- b. is submitted herewith and such oath or declaration
 - i. is attached to the application.
 - ii. identified the application and any amendment under PCT Article 19 which were transmitted as stated in points 3.b or c. and 5.b; and states that they were reviewed by the inventor as required by 37 CFR 1.70.
 - iii. will follow (*no later than 32 months from any claimed priority date*)

II. OTHER DOCUMENT(S) OR INFORMATION INCLUDED:

11. An International Search Report (PCT/ISA/210) or Declaration under PCT Article 17(2)(a):

- a. is transmitted herewith.
- b. has been transmitted by the International Bureau. Date of mailing (from form PCT/1B/308): _____.
- c. is not required as the application was searched by the United States International Searching Authority.

d. will be transmitted promptly upon request.
e. has been submitted by applicant on (date) _____.

12. An information Disclosure Statement under 37 CFR 1.97 and 1.98:

a. is transmitted herewith
Also transmitted herewith is
 Form PTO 1449
 copies of citations listed
b. will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. 371(c).
c. was previously submitted by applicant on (date) _____.

13. An assignment document is transmitted herewith for recording.

please mail the recorded assignment document to:
i. the person whose signature and address appears below.
ii. the following:

14. Additional documents

a. Copy of request (PCT/RO/101)
b. International Publication No. WO90/13643
i. Specification, claims and drawing
ii. Front page only

15. The above checked items are being transmitted

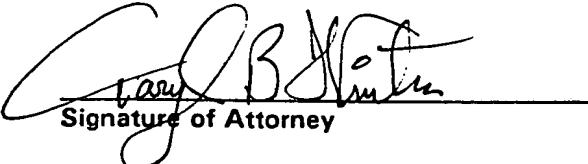
a. before 30 months from any claimed priority date
b. after 30 months but before 32 months (surcharge and/or processing fee included) from any claimed priority date

16. Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on _____, namely:

AUTHORIZATION TO CHARGE ADDITIONAL FEES

The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the entire pendency of the this application to Account No. 07-0630.

37 CFR 1.492(a),(f), or (g) (filing fees)
 37 CFR 1.492(b), (c) and (d) (presentation of extra claims)
 37 CFR 1.17 (application processing fees)
 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).
 37 CFR 1.492(e) and (f) surcharge for filing the national fee or declaration and/or filing an English translation of an International Application later than 20 months after the priority date)



Signature of Attorney

Daryl B. Winter
Genentech, Inc.
460 Point San Bruno Boulevard
South San Francisco, California 94080
United States of America

Registration No. 32,637
Telephone No. (415) 266-1249